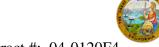
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.yy

DAILY PROJECT JOURNAL

Prime Contractor: American Bridge/Fluor Enterprises, a JV Report No: DPJ-000185 Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island Dated: **Contractor:** 06-Jul-2007

Location: Changxing Island, Shanghai, China					
Submittals(New / Total):		CWR's: 0 / 0	HSR's: 0/0	NCR's: 0/2	
Item	Title	Detail			
1	Key conversations	reations QA observed welding of the following PQR:			
		HP2007370	HP2007370, 1G GMAW, welding is complete.		
		QA reviewed the following RT film:			
	PQR HP2007144, rejected due to slag and lack of penetration			ack of penetration	
		PQR HP2007143-1, appeared to be acceptable 6 Welder Qualification Test Plates, 1 plate rejected due to a linear indication			
		QA physically verified 72 plates for use in production.		production.	
		QA observe comply.	QA observed MT testing of a bent closed-rib. The testing appeared to comply.		
		QA observe	d another 2 ribs being bent for t	he closed-rib demonstration.	
		The first rib	The first rib did not meet the dimensional tolerances in the Fabrication		
		Procedure.	Procedure. The second rib appeared to comply dimensionally.		

2 Meetings attended QA met with ABF at 1500 to discuss the activities for the weekend.

The weekend schedule includes:

Completion of PQR's HP2007149 and HP2007148, Welding PQR's HP2007247-1 and HP2007249,

Welder qualification testing,

Cutting of material for 77 meter tower mock-up, and

Continuation of material verification it not completed today.

ABF on-site QCM Nate Lindell informed ZPMC that there was not a CWI present after lunch for a portion of the PQR welding and that ABF would be issuing a Non-conformance Report.

ZPMC stated that they have formed 5 closed-ribs and that only 1 meets the

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requirements of the Fabrication Procedures. QA voiced concern about the current approach to conducting the demonstration. QA believes the intent of the Special Provisions is for the contractor to form 10 closed-ribs, then perform the required dimensional, NDT and destructive testing to prove their bending procedures are satisfactory. ZPMC's current approach of bending then testing until they produce 10 successful rib (not consecutively), does not appear to meet the intent of the Special Provisions. ABF agreed that this is what they also expected to see ZPMC perform the demonstration. ZPMC stated they would be performing internal trials on the rib bending and would inform QA and ABF when they would be ready to perform the demonstration.

QA informed ABF that the production material presented to QA for verification did not provide any separation of material by bid item, and may proved to be an issue during material on hand and progress payments. QA stated he would need to address the issue with the Engineer.

QA addressed concerns regarding the storage of the E9018 electrodes to be used for PQR testing. The electrodes have been removed from the storage oven and left stored outside the oven. ABF stated they would have to look into the issue.

3 Quality Assurance Inspectors per shift 3 AM (Acuna, Berger, Cuellar)

0 PM

Inspected By: McClary, David **Quality Assurance Inspector Reviewed By:** Lowry, Patrick **QA** Reviewer